10/537946 International application No

INTERNATIONAL SEARCH REPORT

PCT/KR02/02500

A.	CLASSIFICATION	OF	SUBJECT	MATTER

IPC7 H04B 7/26

According to International Patent Classification (IPC) or to both national classification and IPC

FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC7 H04B H04L H04M H04Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Korean Patents and applications for inventions since 1975, Korean Utility models and applications for Utility models since 1975, IEEE technical document since 1980

Electronic data base consulted during the intertnational search (name of data base and, where practicable, search terms used)

DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6233452 BA (IBM) 20010515 See whole the document	1-10
A	JP 13095058 A2 (NEC) 20010406 See abstract, figure1-3	1,7,10
A	JP 13245358 A2 (NEC) 20010907 See abstract, figure1-2	1,7,10
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		r aocuments	are listed	in the	continuati	ion of B	ox C
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- Special categories of cited documents:
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Date of the actual completion of the international search

16 SEPTEMBER 2003 (16.09.2003)

Date of mailing of the international search report 17 SEPTEMBER 2003 (17.09.2003)

Name and mailing address of the ISA/KR

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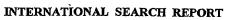
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Information on patent family members

International application No.
PCT/KR02/02500

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 6233452 BA	20010515	CA 2240654 AA EP 889660 A2 JP 11041643 A2 KR 276405 B1 CN 1098607 B	19990 104 19990 107 199902 12 2000 12 15 20030 108
JP 13095058 A2	20010406	NONE	
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